

Planning Assistance to Update the Long-Range Development Plan and Sub-Area Plans, Sandia National Laboratories, Albuquerque, NM

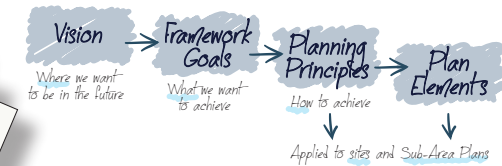
ARC assisted the Facilities Planning & Project Development Department at Sandia National Laboratories (SNL) to update draft versions of the SNL's Long-Range Development Framework (LRDF) and individual sub-area plans. The LRDF provides the overall framework to guide effective, efficient, and sustainable land and infrastructure development for the New Mexico and California Campuses. Similar to a municipal planning document, the LRDF articulates a long-range development vision, framework goals, and a set of integrated development principles for land use, security, transportation, and environmental sustainability.

Companion Sub-Area Plans for five SNL/NM technical areas and SNL/CA provide greater detail about the long-range (20+ years) development vision and capital investment requirements, and opportunities for specific campus areas.

Considered together, the LRDF and the Sub-Area Plans provide an integrated vision for development that enables SNL to shape the design of projects in ways that benefit sponsors, the work force, the company, the nation, and the environment for a positive long-term impact.

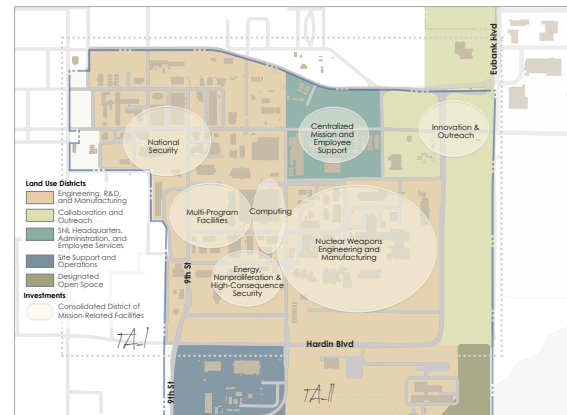
Schedule: 2015

Client: Sandia National Laboratories



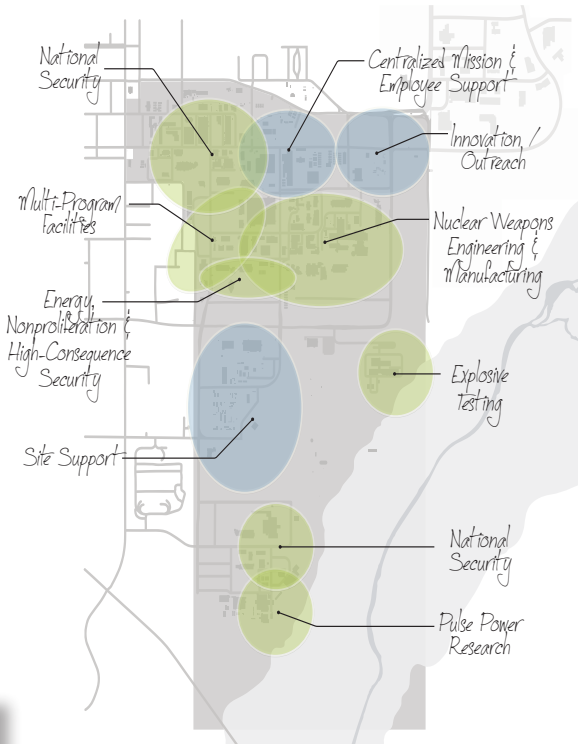
LRDF and Sub-Plan Organization (above)

TA-I Sub-Area Plan excerpt (below)



Key Features of the TA-I Sub-Area Plan

- The Sub-Area plan recognizes that TA-I is the center of R&D for SNL and its "crown jewel." The Plan seeks to:
- Maintain Research and Development (R&D), Manufacturing, and Administration as primary land use
 - Create a new "front door" and focus for internal and external interaction
 - Organize the site by nature of work / mission focus to enhance functional relationships and cost-effectiveness
 - Reshape the security boundary to enhance and simplify the security hierarchy, and open portions of the site for external collaboration
 - Preserve opportunities for growth and sustainment of mission by encouraging infill, redevelopment, and consolidation
 - Upgrade roadways and walkways to improve site access, circulation and internal logistics, and promote a pedestrian-oriented environment
 - Relocate site support activities and functions that do not require a TA-I site ("backyard activities") to make room for program use and external collaboration



LRDF Site Organization map (above) – with the intent to cluster programs and capabilities to promote collaboration and efficiencies, and capitalize on functional connections and synergies.